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Attorney Docket No. 37-03  
First named inventor: Wang

## JOINT INVENTOR'S DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Monitoring Signal-to-Noise Ratio in X-Ray Diffraction Data**

the specification of which was filed on January 7, 2005 and assigned Serial Number

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I hereby authorize my legal representative to add reference to the Serial No. and/or filing date of the above-referenced application to this document.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, section 1.56.

### **Prior Foreign Application(s)**

I hereby claim foreign priority benefits under Title 35, United States Code, '119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application to which priority is claimed:

Country	Application No.	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

**Prior Provisional Application(s)**

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below:

<u>Application Serial Number</u>	<u>Date of Filing (Month, Day, Year)</u>
60/319,396	July 13, 2002

**Prior U.S. Application(s) and PCT International Application(s)  
Designating the United States**

We hereby claim the benefit under Title 35, United States Code, '120 of any United States application(s), or ' 365(c) of any PCT International application(s) designating the United States listed below:

<u>Application Serial Number</u>	<u>Date of Filing (MM/DD/YYYY)</u>	<u>Status (Patented, Pending, Abandoned)</u>
PCT/US03/021988	July 14, 2003	

Insofar as the subject matter of each of the claims in this application is not disclosed in the prior United States, foreign or International application(s) to which priority has been claimed above in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application(s) and the national or international filing date of this application.

**Power of Attorney**

I hereby appoint, both jointly and severally, as my attorneys and agents with full power of substitution and revocation, to prosecute this application and any corresponding application filed in the Patent Cooperation Treaty Receiving Office, and to transact all business in the Patent and Trademark Office connected herewith, the practitioners associated with:

**Customer Number 23713**

**Correspondence Address**

Please direct all correspondence to the address associated with:

**Customer Number 23713**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(1) Full Name of

First Inventor: WANG, Bi-Cheng  
Residence (city, state, country): Athens, GA, US  
Citizenship: US  
Mailing Address: 305 Blue Heron Drive  
Athens, GA 30605

(1) Signature \_\_\_\_\_ Date \_\_\_\_\_

(2) Full Name of

Second Inventor: FU, Zheng-Qing  
Residence (city, state, country): Watkinsville, GA, US  
Citizenship: CN  
Mailing Address: 1241 Victoria Road  
Watkinsville, GA 30677

(2) Signature \_\_\_\_\_ Date \_\_\_\_\_

(3) Full Name of

Third Inventor: ROSE, John P.  
Residence (city, state, country): Winterville, GA, US  
Citizenship: US  
Mailing Address: 192 Summer Place Drive  
Winterville, GA 30683

(3) Signature \_\_\_\_\_ Date \_\_\_\_\_